

**MASTEP Courses
may apply to NSU's
new M.Ed. Degrees
in
Science Education
and in Mathematics
Education.**



**Mathematics Courses
June**

MATH 5523 Data Analysis
MATH 5273 Geometry

July

MATH 5023 Number Theory
MATH 5463 Rate of Change

**Science Courses
June**

BIOL 5213 Investigative
Biology
SCI 5313 Inquiry into the
Physical Sciences I

July

SCI 5323 Inquiry into the
Physical Sciences II
BIOL 5253 Inquiry into
Environmental Biology

Middle School Mathematics
and Science Teachers

Receive

Graduate Credit

With Tuition Paid,

A \$1500 or \$1200 Stipend,

And

The Opportunity to Apply for

Supply Grants to Purchase

Materials for Your Classroom

and Travel Stipends to Attend

Conferences

**Mathematics and Science
Teacher Enhancement Project**

Northeastern State University
College of Math, Science and Nursing
611 N. Grand
Tahlequah, Oklahoma 74464-2302

Phone: 918-456-5511 ext. 3819

Fax: 918-458-2325

Email: adams001@nsuok.edu

Mathematics and
Science Teacher
Enhancement Project

**NSU MASTEP
Summer of
2004**



**Application
Deadline
April 21, 2004**

Northeastern State
University
College of Math, Science
and Nursing

Funded by the
National Science Foundation
(Program contingent on
continuation of funding.)

The Purpose of NSU MASTEP

- Enable middle level math and science teachers to master the subject matter competencies they need to teach their subject matter at the middle school level using reform-based methods.
- Increase the ability of middle school teachers to teach math and science using reform based methods.
- Form a community of math and science educators in Northeastern Oklahoma that will promote and sustain reform based math and science education on a long-term basis.

Eligibility Requirements:

- Be a teacher of mathematics or science at the middle school level (typically grades 6, 7, or 8, although these grade levels may vary in some schools);
- Demonstrate a need for additional content knowledge in mathematics or science.
- Agree to continue participation during the following school year by implementing the curriculum modifications developed during the summer and submitting a final report.

Each participant will receive

- A stipend. The amount depends on the level of participation; a maximum of \$1200 for mathematics participants or \$1500 for science participants. Note mathematics participants attend MTWTH 9:00 am -4:00 pm, and science participants attend MTWTHF 9:00 am -4:00 pm.
- Six hours of graduate credit in mathematics or in science. (Tuition will be free to participants.)
- Agree to continue participation during the following school year by implementing the curriculum modifications developed during the summer and submitting a final report.
- The opportunity to apply for MASTEP Supply Grants (up to \$500) to purchase supplies to implement course modifications.
- The opportunity to apply for MASTEP Conference Stipends (up to \$500) to attend professional meetings.
- Free registration for the Spring 2005 meeting of the Northeastern Oklahoma Mathematics and Science Teacher Association (NOMSTA) at NSU, Tahlequah.

Participants will typically attend either the Mathematics Track or the Science Track in either the June Session or July Session. Those who wish to attend a track in each session this summer may apply, but will be asked to indicate their preference. These courses are graduate level courses designed for Middle School Mathematics and/or Science Teachers. Low cost on-campus housing will be available on a limited basis at participant expense. **The program is contingent upon continuation of funding by NSF for Summer 2004.**

Courses Available for Summer 2004

June Session

Mathematics Track

June 7 - July 1, 2004

MATH 5523 Data Analysis

MATH 5273 Geometry

Science Track

June 7 - July 2, 2004

BIOL 5213 Investigative Biology

SCI 5313 Inquiry into the Physical Sciences I

July Session

Mathematics Track

July 6 - Aug. 2, 2004

MATH 5023 Number Theory

MATH 5463 Rate of Change

Science Track

July 6 - Aug. 2, 2004

SCI 5323 Inquiry into the Physical Sciences II

BIOL 5253 Inquiry into Environmental Biology

Application Forms are available on the Web Site:

<http://arapaho.nsuok.edu/~adams001/MASTEP2002.htm>

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